

Hosting a Basic Website Using Docker Desktop:

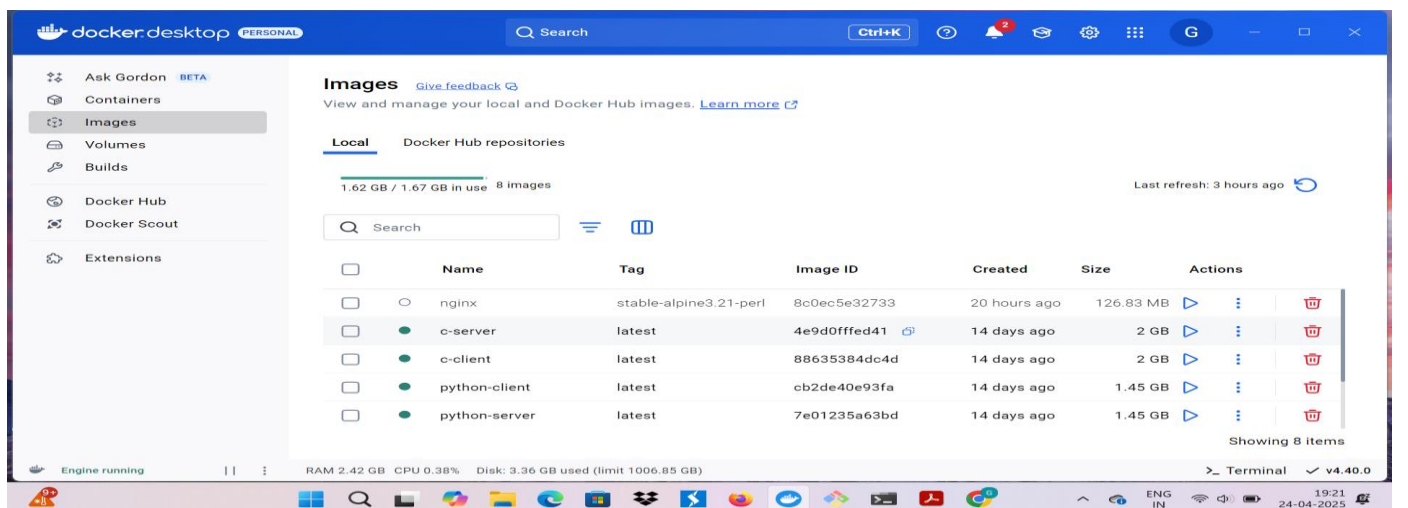
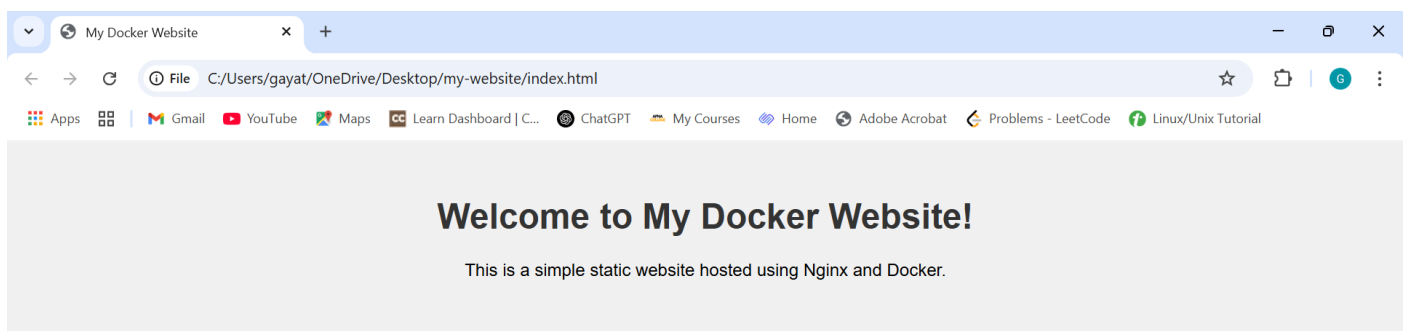
my-website:

```
MINGW64/c/Users/gayat/OneDrive/Desktop/my-website
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-website
$ touch index.html
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-website
$ touch Dockerfile
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-website
$ |
```

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\gayat\OneDrive\Desktop\my-website> docker build -t my-website .
[+] Building 13.4s (8/8) FINISHED                                docker:desktop-linux
=> [internal] load build definition from Dockerfile              0.0s
=> => transferring dockerfile: 335B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:alpine 12.8s
=> [auth] library/nginx:pull token for registry-1.docker.io     0.0s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                    0.0s
=> [internal] load build context                                0.0s
=> => transferring context: 510B                                  0.0s
=> CACHED [1/2] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b7 0.0s
=> => resolve docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b76fb8e2f 0.0s
=> [2/2] COPY index.html /usr/share/nginx/html/index.html      0.0s
=> exporting to image                                           0.3s
=> => exporting layers                                           0.1s
=> => exporting manifest sha256:87ee03599b92a4340b920594e182d35c8e6c38d8f77468f90fdb6b389a596c6c 0.0s
=> => exporting config sha256:9227d5608f32e902569bba634ed660693676cb77a7108479c17ce1edb84c713b 0.0s
=> => exporting attestation manifest sha256:c2b2d55e697db404acd62ffe92782c61194e3129403e2130b53b16605d6cb8a6 0.0s
=> => exporting manifest list sha256:183f8ea180cf6c603dd73056ac50f10e4bf93677cf5b80793f8bdfd58ba65640 0.0s
=> => naming to docker.io/library/my-website:latest             0.0s
=> => unpacking to docker.io/library/my-website:latest          0.1s
PS C:\Users\gayat\OneDrive\Desktop\my-website> docker run -d -p 8080:80 --name my-website-container my-website
4d0c049255fb0de0a008544d7d932b3bf191caa3ec75f3af33eb0ca3bceaebb
PS C:\Users\gayat\OneDrive\Desktop\my-website> |
```



The screenshot shows the Docker Desktop application window. The top bar is blue with the Docker logo, 'docker desktop PERSONAL', a search bar, and system icons. The left sidebar contains navigation links: Ask Gordon (BETA), Containers, Images (selected), Volumes, Builds, Docker Hub, Docker Scout, and Extensions. The main content area is titled 'Images' with a 'Give feedback' link. Below the title, it says 'View and manage your local and Docker Hub images. Learn more'. There are two tabs: 'Local' (selected) and 'Docker Hub repositories'. A progress bar shows '1.62 GB / 1.67 GB in use' and '8 images'. A refresh icon and text 'Last refresh: 3 hours ago' are on the right. Below this is a search bar and two icons (list and grid). A table lists the images:

<input type="checkbox"/>	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	python-client	latest	cb2de40e93fa	14 days ago	1.45 GB	
<input type="checkbox"/>	python-server	latest	7e01235a63bd	14 days ago	1.45 GB	
<input type="checkbox"/>	python	latest	1f7ef1e8f35b	16 days ago	1.47 GB	
<input type="checkbox"/>	hello-world	latest	fc08e727181e	3 months ago	20.4 KB	
<input type="checkbox"/>	my-website	latest	183f8ea180cf	2 minutes ago	73.6 MB	

Showing 8 items

At the bottom, a status bar shows 'Engine running', system metrics (RAM 2.43 GB, CPU 0.38%, Disk: 3.36 GB used (limit 1006.85 GB)), a terminal icon, and the version 'v4.40.0'. The Windows taskbar is visible at the very bottom with various application icons and the system clock showing 19:21 on 24-04-2025.

Hosting a Basic Website with CSS, jQuery, and Bootstrap using Docker Desktop:

my-bootstrap-website:

```
MINGW64/c/Users/gayat/OneDrive/Desktop/my-bootstrap-website
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-bootstrap-website
$ touch index.html
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-bootstrap-website
$ touch styles.css
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-bootstrap-website
$ touch script.js
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-bootstrap-website
$ touch Dockerfile
gayat@LAPTOP-7CELG1M7 MINGW64 ~/OneDrive/Desktop/my-bootstrap-website
$
```

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\gayat\OneDrive\Desktop\my-bootstrap-website> docker build -t my-bootstrap-website .
[+] Building 2.0s (9/9) FINISHED                                docker:desktop-linux
=> [internal] load build definition from Dockerfile              0.1s
=> => transferring dockerfile: 400B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:alpine  1.1s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                    0.0s
=> CACHED [1/4] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b76fb8e2f2a10 0.1s
=> => resolve docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b76fb8e2f2a10 0.0s
=> [internal] load build context                                0.1s
=> => transferring context: 1.43kB                                0.0s
=> [2/4] COPY index.html /usr/share/nginx/html/                0.0s
=> [3/4] COPY styles.css /usr/share/nginx/html/                0.1s
=> [4/4] COPY script.js /usr/share/nginx/html/                 0.1s
=> exporting to image                                           0.4s
=> => exporting layers                                           0.2s
=> => exporting manifest sha256:04fcbda4fd3c9f26b78e7e188c735010c04bcda05ec719affb7d356672ae8a7d 0.0s
=> => exporting config sha256:089634a19268b4ebdfcdb359a755780d96513aa1c69d315bedcc6e9b4115cdd5 0.0s
=> => exporting attestation manifest sha256:f5faf512625555eda02102d410307bd5173ed5d52ce4b77807c8ceeeeba6071 0.0s
=> => exporting manifest list sha256:4eff8591dec317edb622047f99c77b7b6ad40591c08b10694d5c37aab216e581 0.0s
=> => naming to docker.io/library/my-bootstrap-website:latest 0.0s
=> => unpacking to docker.io/library/my-bootstrap-website:latest 0.1s
PS C:\Users\gayat\OneDrive\Desktop\my-bootstrap-website> docker run -d -p 8080:80 --name my-bootstrap-website-container my-bootstrap-website
eb796f117840441ce587cad4f7b22d325f8d76c68ca05e539114a1b4dc2729bb
PS C:\Users\gayat\OneDrive\Desktop\my-bootstrap-website> |
```

docker.desktop PERSONAL

Search

Ctrl+K

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Ask Gordon BETA

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Containers

Give feedback

View all your running containers and applications. Learn more

Container CPU usage

Container memory usage

Show charts

No containers are running.

No containers are running.

Search

Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Last st	Actions
<input type="checkbox"/>	server-run-21b2	f69299a60f2e	c-server		N/A	14 days	▶ ⋮ 🗑
<input type="checkbox"/>	client-run-d398t	1a085e233005	c-client		N/A	14 days	▶ ⋮ 🗑
<input type="checkbox"/>	my-website-con	4d0c049255fb	my-website	8080:80	N/A	4 minut	▶ ⋮ 🗑
<input type="checkbox"/>	my-bootstrap-w	eb796f117840	my-boostr	8080:80	N/A	40 seco	▶ ⋮ 🗑
<input type="checkbox"/>	c	-	-	-	N/A	14 days	▶ ⋮ 🗑
<input type="checkbox"/>	python	-	-	-	N/A	14 days	▶ ⋮ 🗑

Showing 6 items

Engine running

RAM 2.44 GB CPU 0.25% Disk: 3.36 GB used (limit 1006.85 GB)

Terminal

v4.40.0

docker.desktop

PERSONAL

Search

Ctrl+K

Ask Gordon

BETA

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Images

[Give feedback](#)

View and manage your local and Docker Hub images.

[Learn more](#)

Local

Docker Hub repositories

1.62 GB / 1.67 GB in use

9 images

Last refresh: 3 hours ago

Search

	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	python-server	latest	7e01235a63bd	14 days ago	1.45 GB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	python	latest	1f7ef1e8f35b	16 days ago	1.47 GB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	hello-world	latest	fc08e727181e	3 months ago	20.4 KB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	my-website	latest	183f8ea180cf	5 minutes ago	73.6 MB	<div></div> <div></div> <div></div>
<input type="checkbox"/>	my-bootstrap-website	latest	4eff8591dec3	1 minute ago	73.65 MB	<div></div> <div></div> <div></div>

Showing 9 items

Engine running

RAM 2.44 GB CPU 2.24% Disk: 3.36 GB used (limit 1006.85 GB)

Terminal v4.40.0

My Docker Bootstrap Website

C:/Users/gayat/OneDrive/Desktop/my-bootstrap-website/index.html

Apps | Gmail | YouTube | Maps | Learn Dashboard | ChatGPT | My Courses | Home | Adobe Acrobat | Problems - LeetCode | Linux/Unix Tutorial

Welcome to My Docker Website!

This website uses Bootstrap, jQuery, and custom CSS, hosted with Nginx and Docker.

Toggle Message

Hello! This message was toggled using jQuery.

Search

ENG IN

19:25 24-04-2025